Figure 1

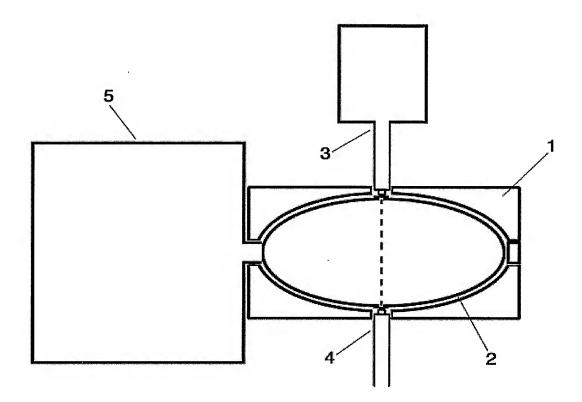
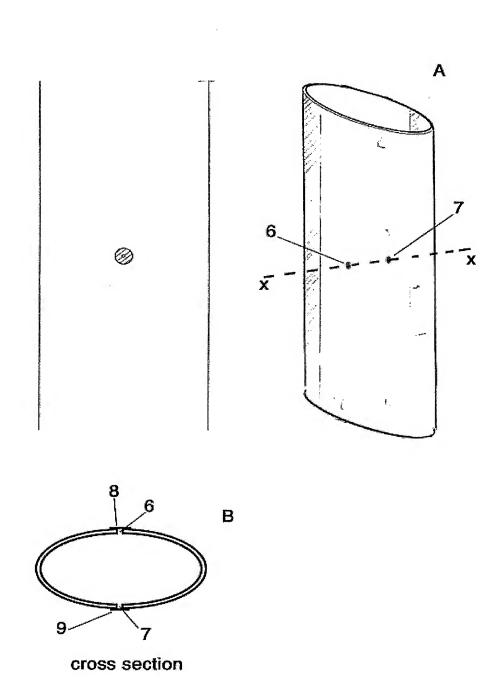
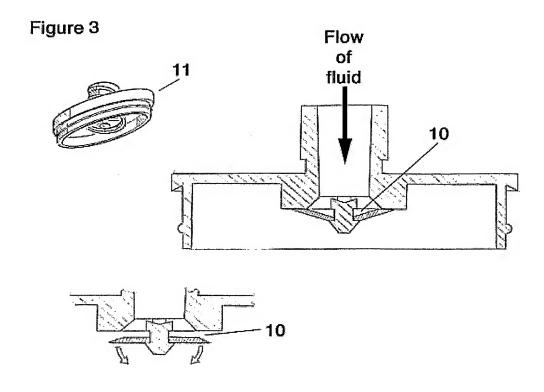


Figure 2





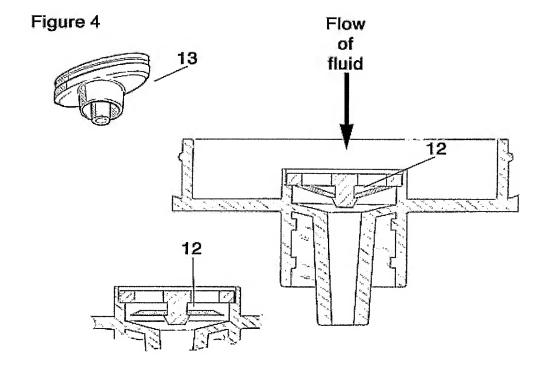


Figure 5

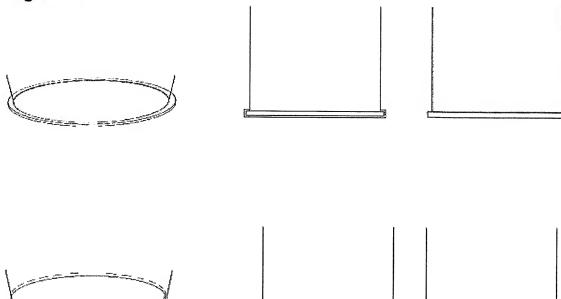


Figure 6

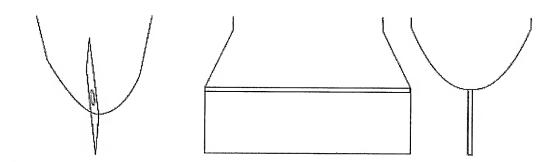


Figure 7



Figure 8

A

13

14

14

10

11

Exploded view

B

B

13

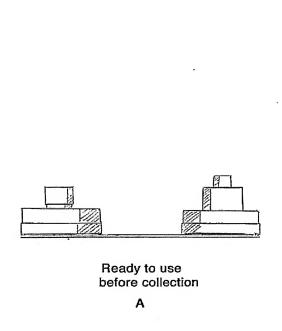
7

10

11

Cross section of receptacle

Figure 9



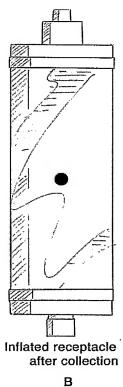


Figure 10. Schematic flow diagram of the performance of the system of the present invention

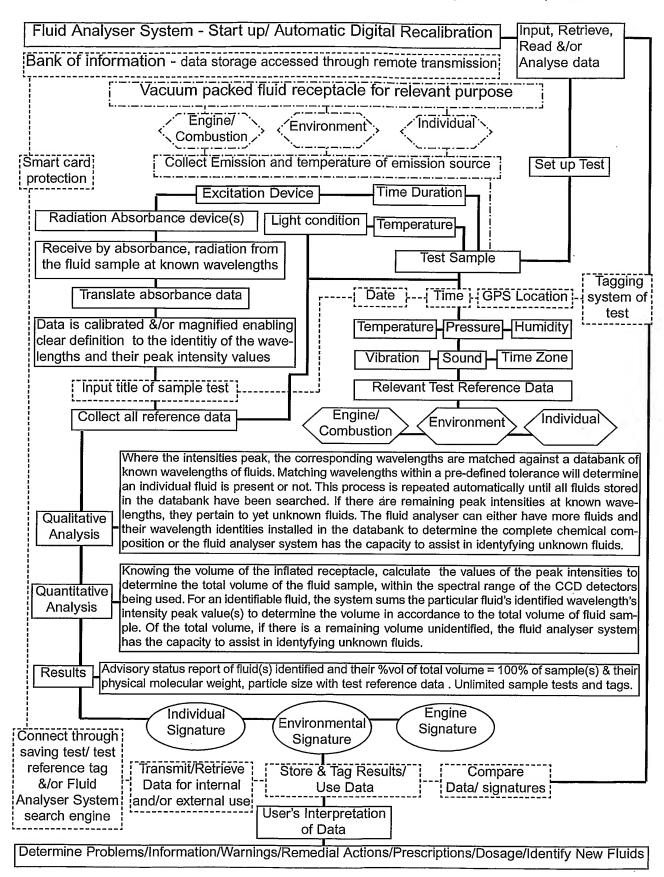
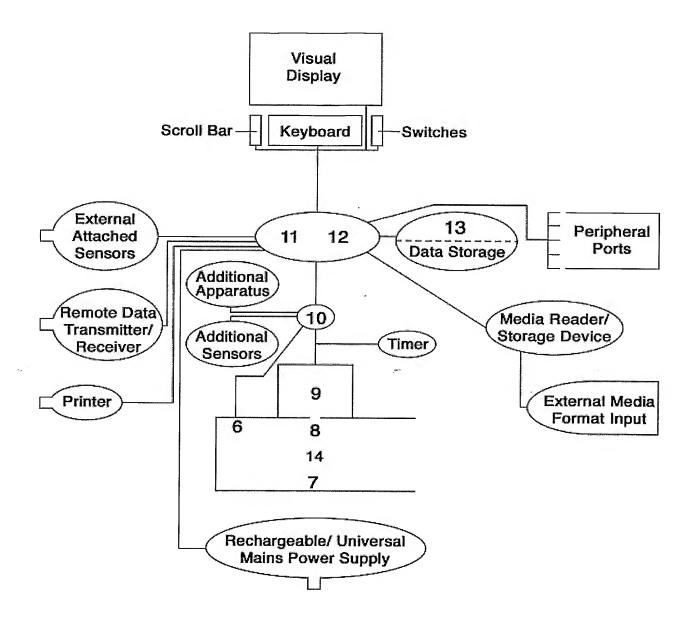
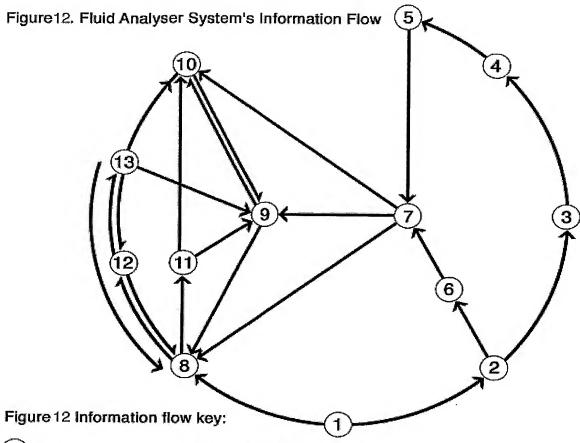


Figure 11





- Remote/ Physical Start-up Digital Re-calibration
- (2) Start selected test
- (3) From sensors receive raw data
- (4) Calibrate and/or Average/ Magnify data
- 5 Search fluid database
- 6 Test Procedural, Tagging and/or Conditions data; Individual, Environmental and/or engine reference data
- 7 Advisory status report with reference information
- 8 Store/ Search
- 9 Comparitive Analysis
- 10) Print
- (11) Internal data
- (12) Remote transfer/ receive
- 13) External data/ databank